

KONSKIY, D. Principal objectives: VOLKOV, V.; VOLCHKOV, V.;
GORSHKOV, A. KOPTOV, Ye.; SALOV, V.; SHORIKOVA, T.;
STOLYAROV, Yu., red.

[Cybernetics made easy] Prostaya kibernetika. Moskva,
Molodaya gvardiya, 1965. 158 p. (MIRA 18:7)

1. Sverdlovskiy gosudarstvennyy pedagogicheskiy institut
(for all except Stolyarov).

S/076/62/036/007/006/010
B101/B138

AUTHORS: Chernyagov, V. N., Krapukhin, V. V., and Stolyarov, Yu. I.

TITLE: Phase equilibria in the system SiCl_4 - SbCl_3 at low antimony trichloride concentrations

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 7, 1962, 1521 - 1524

ABSTRACT: The behavior of SbCl_3 was studied as impurity in SiCl_4 . The solubility of SbCl_3 (at concentrations of 0.24 - 1.87 mole%) in SiCl_4 was determined at 0 - 118°C, and the phase equilibrium according to V. A. Kiryakov, Yu. N. Cheynker, Ye. M. Peresleni (Zh. fiz. khimii, 352, 1952). High-purity substances were used. SiCl_4 contained the following impurities (% by weight): Fe, Al, Ca, Mn, Mg, and Cu $< 1 \cdot 10^{-7}$; P, Sn, and V $< 1 \cdot 10^{-6}$; B $< 1 \cdot 10^{-5}$; SbCl_3 contained less than $1 \cdot 10^{-4}\%$ by weight of Fe. Results: (1) The heat of solution ΔH_{sol} of SbCl_3 in SiCl_4 was 8.4 kcal/mole-deg. (2) The activity coefficient f_2 of SbCl_3 obeys the equation $\log f_2 = -(\Delta H_{\text{sol}} - \Delta H^0)/RT + (\Delta H_{\text{sol}} - \Delta H^0)/RT^0$, where ΔH^0 is the

10/17/54
DZALAYEV, M.I., inzhener; STOLYAROV, Yu.K., inzhener.

Self-regulation of reduction and cooling installations. Elek.sta.
25 no.12:17-18 D '54. (MLRA 7:12)
(Steam turbines)

STONY BROOK, N.Y. 11590

71-111
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1984
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STOLYAROV, M.M.

Ashvrite and gypsum in the pyrite deposits of the Urals in relation to their genesis. Geol. ruf. mestorozh. 7 no.2:107-113. Apr '65.
(MIRA 18:7)

1. Novocherkasskiy politekhnicheskii institut, kafedra mestorozhdeniy poleznykh iskopayemykh Gornogeoalogicheskogo fakul'teta.

ON 17/04/77, Y. L. N.

Hypogene anhydrite in the Alekseevskoye copper ore deposit in
the Central Ural Mountains. Dokl. AN SSSR 155 no. 5:1085-1087
Ap. '67. (LIRA 17:5)

1. Predstavleno akademikom D.S. Korzhinskim.

STOLYAROV, Y.M.

Anhydrite and gypsum in the pyritic deposits of the Urals.
Dokl. AN SSSR 161 no.4:940-943 Ap '65. (MIRA 18:5)

1. Novocherkasskiy politekhnicheskii institut. Submitted December 19,
1964.

STOLYAROV, Yu.N., starshiy leytenant meditsinskoy sluzhby

Epithelial cysts and ducts in the coccyx region. Sbor.nauch.
trud.Kiev.okruch.voen.gosp. no.4:98-100 '62. (MIRA 16:5)
(CYSTS) (SACROCOCCYGEAL REGION—TUMORS)

STOLYAROV, Yu.S.

Present stage of the extracurricular work on technology. Fiz.v
shkole 21 no.3:33-38 My-Je '61. (MIRA 14:8)

1. Predsedatel' sektsii tekhnicheskogo tvorchestva Tsentral'nogo
soveta Vsesoyuznoy pionerskoy organizatsii imeni V.I.Lenina.
(Technical education) (Models and modelmaking)

STOLYAROV, Yu.S., red.; LYASNIKOVA, L., tekhn. red.

[Young modelmaker] IUnyi modelist-konstruktor. Moskva, Molodaiia gvardiia, 1963. 63 p. (MIRA 16:7)
(Engineering models) (Electronic control)

STOLIYAROV, Yuriy Stepanovich; KONYUSHENKO, I.A., red.; MUKHINA, Ye.S.,
tekhn. red.

[Automation and remote control in the work of young technologists]
Avtomatika i telemekhanika v tvorchestve iunyykh tekhnikov. Moskva,
Izd-vo DOSAAF, 1962. 105 p. (MIRA 16:1)
(Automation) (Remote control)

CHUMAKOV, Yu.I., STOLYAROV, Z.Ye.; SHAPVALOVA, Yu.P.

α -Acetoxyalkyl pyridines. Metod poluch.khim.reak. i prepar.
no.7:61-65 '63. (MIRA 17:4)

1. Kiyevskiy politekhnicheskii institut.

CHUMAKOV, Yu.I.; SPOLICHEN, Z.Ia.

2-Hydroxymethylpyridines. Metod.poluch.khiz.reak. i primen. no.7:
65-69 1963.

Diacetoxymethylpyridines. Ibid.:69-72

2-Pyridinealdehyde. Ibid.:72-74

(MIRA 17:4)

1. Kiyovskiy politekhnicheskiy institut.

I 113701-66 57(m)/7/57(1) 107(2) 207A

ACC NR: AP6029929

SOURCE CODE: UR/0413/66/000/015/0090/0090

INVENTOR: Chumakov, Yu. I.; Stolyarov, Z. Ye.; Shapovalova, L. P.; Novikova, V. P. 45

ORG: none

TITLE: Preparative method for a [semiconducting] polymer. Class 39, No. 184455 15 B

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 90

TOPIC TAGS: organic semiconductor, semiconducting polymer

ABSTRACT: An Author Certificate has been issued for a preparative method for a semi-conducting polymer, involving homopolycondensation of 2-methyl-6-pyridinaldehyde under pressure [unspecified] in the presence of acetic anhydride or zinc chloride at 200C. [SM]

SUB CODE: 07, 11/ SUBM DATE: 16Nov64/ ATb Press: 5018

Card 1/1 477

UDC: 678.6:547.824

OL'SUF'Y V, N.G.; YEMEL'YANOVA, O.S.; UGLOVOY, G.P.; SIL'CHENKO, V.S.; KHOROSHEV, I.G.; YEZHNOVA, Ye.N.; BESHONOVA, M.A.; VEDENEYEVA, Ye. V.; ARUF'YEV, S.S.; SHELANOVA, G.M.; SORINA, A.M.; BORODIN, V.P.; KOROLEVA, A.F.; SUVOROVA, A.Ye.; ONIKHINOVSKAYA, V.A.; STOLYAROVA, A.D.; BISTROVA, K.A.; RUPINA, R.F.; MYASHNIKOV, Yu.A.; LEVACHEVA, Z.A.; YAGIAZARYAN, K.K.; RAVDONIKAS, O.V.; SAMPANETV, A.P.

Optimal periods for testing skin reaction in subjects inoculated against tularemia with a dry live vaccine and vaccinal, reactogenic and immunogenic properties of this preparation. Zhur. mikrobiol. opid. i immun. 32 no.6:92-98 Jo '61. (MIRA 1515)

1. Iz oddela prirodnoochagovykh infektsiy Instituta epidemiologii i mikrobiologii imeni Gamalei A'N SSSR, otdelov Osobo opasnykh infektsiy Voronezhskoy, Leningradskoy, Moskovskoy, Smolenskoy, Stalingradskoy, Tambovskoy, Tul'skoy, oblastnykh sanitarno-epidemiologicheskikh stantsiy i Omskogo instituta epidemiologii, mikrobiologii i gigiyeny.

(TULAREMIA)

(VACCINES)

USSR/Chemical Technology. Chemical Products and Their Application -- Treatment of natural gases and petroleum. Motor fuels. Lubricants, I-13

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5529

Author: Stolyarova, A. P.

Institution: None

Title: Extraction of Kerosene in AVT

Original

Publication: Neftyanik, 1956, No 4, 4-6

Abstract: A diagram and description are given of the operation of a continuous extraction of kerosene, directly in an atmospheric-vacuum tubular unit (AVT). Change-over from intermittent extraction of kerosene in the mixers of the purification shop, to a continuous extraction, directly in the AVT, has made it possible to improve the economic indices of the purification, increase the life of equipment, ameliorate labor hygiene and reduce fire hazards.

Card 1/1

STOLIAROVA, A.G., kand.veterinarnykh nauk

Testing the effect of *Trichodesma incana* seeds on rabbits, guinea
pigs, and pigeons; pathologicoanatomical study. Trudy Us.nauch.-
issl.inst.vet. 14:231-237 '61. (MIRA 16:2)
(*Trichodesma*—Toxicology)

FERGAT, F.P.; STOLYAROVA, A.G.

Clinical and pathologicoanatomical changes in horses after
poisoning with dodder. Trudy Uz.nauch.-issl.inst.vet. 14:239-
247 '61. (MIRA 16:2)

(Uzbekistan--Dodder--Toxicology)
(Uzbekistan--Horses--Diseases and pests)

DIMANT, I.N.; ABDURASHIDOV, D.M.; STOLYAROVA, A.G.; LOKTIONOV, G.M.; SATAYEV, M.M.

Reactive processes in the brain during chronic local irradiation.
Arkhn.anat.gist. 1 emb. 48 no.3:84-90 Mr '65.

(MIRA 18:6)

1. Otdel eksperimental'noy onkologii (zav. - starshiy nauchnyy
sotrudnik I.N.Dimant) Nauchno-issledovatel'skogo instituta
rentgenologii, radiologii i onkologii Ministerstva zdravookhraneniya
Uzbekskoy SSR, Tashkent.

STOLYAROVA, A.I.
DANILOVA, M.K.; IVANOVA, N.M.; KALININ, T.V.; PERELYGINA, L.I.; SALMANOVA,
Ye.S.; SHKOL'NIK, Ye.I.; SHLEYFMAN, Kh.I.; STOLYAROVA, A.I., red.:
SERADZSKAYA, P.G., tekhn.red.

[Economy of Voronezh Province; a statistical manual] Narodnoe
khoziaistvo Voronezhskoi oblasti; statisticheskii sbornik. [Voronezh]
Voronezhskoe knizhnoe izd-vo, 1957. 139 p. (MIRA 11:3)

1. Voronezh (Province). Statisticheskoye upravleniye. 2. Statisti-
cheskoye upravleniye Voronezhskoy oblasti (for all, except Stolyarova,
Seradzskaya). 3. Nachal'nik Statisticheskogo upravlen'ya (for
Stolyarova)
(Voronezh Province--Statistics)

5(3)

907/75-14-3-15/29

AUTHORS: Rozova, M. I., Stolyarova, F. N.

TITLE: Analysis of Nitroparaffins by Using the Chromatographic Method (Analiz nitroparafinov s primeneniym khromatograficheskogo metoda)

PERIODICAL: Zhurnal analiticheskoy khimii, 1959, Vol 14, Nr 3, pp 343-346 (USSR)

ABSTRACT: Nitroparaffins with different length of the carbon chain ($C_1 - C_3$) are reduced to amines. The total content of amines is determined titrimetrically. Afterwards the amines are chromatographically separated on starch, and annealed calcium oxide, eluted with butanol or a mixture of butanol with benzine and determined titrimetrically. A separation of 1- and 2-nitropropane is not possible by chromatography as their distribution coefficients are nearly identical. 2-nitropropane, however, can be analyzed photozetrically. Table 3 presents the examples of an analysis. The relative error is $\pm 5 - 7\%$. There are 3 tables and 22 references, 6 of which are Soviet, and 1 Czechoslovakian.

Card 1/2

Analysis of Nitroparaffins by Using the Chromatographic Method

SOV/75-14-3-15/2)

ASSOCIATION: Gosudarstvennyy institut prikladnoy khimii, Leningrad
(State Institute of Applied Chemistry, Leningrad)

SUBMITTED: December 24, 1957

Card 2/2

Ice in the strait to be predicted on the basis of these factors. / Abstractor's note: Complete translation. /

Card 1/1

STELYAROVA, G.I.

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The solubility of iron in fused mixtures of lithium, potassium, sodium, and potassium.
J. Chern and G. I. Solov'ev. J. Appl. Chem. U.S.S.R. 22, 1532-1534 (1950). (See C.A. 50, 15324A.)
R. M. P.

6/11

SI(7)

AUTHORS:

Turanyan, V. A., Zharkov, V. A., Stolyarova, G. S.

SOV, 6-112-2-11/42

TITLE:

Allowance for Pseudotrident Process in Estimating the Cross Section for the Direct Formation of Electron-Positron Pairs by Electrons (Uchet psevdotroynykh protsessov pri otsenke socheniya neposredstvennogo obrazovaniya elektronno-pozitronnykh par elektronami)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 121, Nr 2, pp 203-210 (USSR)

ABSTRACT:

In the determination of the cross section of the immediate production of electron-positron pairs by high-energy electrons ("trident" (troynik)) it is essential to know the number of the so-called "pseudotridents" produced on a given length of the electron track. These "pseudotridents" are produced by the conversion of the γ -quanta of the bremsstrahlung of the electron in the immediate neighborhood of its track. The authors calculated the number of the "pseudotridents" according to the Monte-Carlo (Monte Karlo) method. These calculations were carried out for nuclear emulsions for the following 3 initial energies of the electrons:

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SOV/CH-172-1-12,42

**Allowance for Pseudotritident Processes in Estimating the Cross
Section for the Direct Formation of Electron-Position Pairs by Electrons**

10^{10} , 10^{11} , 10^{12} . According to the results of these calculations, the number of the "pseudotritidents" depends slightly on the criteria mentioned by the authors. The results of this paper are then compared with those obtained by other authors. It is interesting to estimate the number of the immediate pair-productions by electrons on the basis of the number of the "pseudotritidents". The results of this estimation are given in a table. Finally, the authors in some lines report on the results of other papers. They thank Professor I. I. Gurevich for his interest in this paper, B. A. Nikol'skiy for useful advice, and A. P. Sobolev for his help in the calculations. There are 2 figures, 2 tables, and 9 references, 3 of which are Soviet.

PRESENTED: May 15, 1958, by L. A. Artsimovich, Academician

SUBMITTED: February 5, 1958

Card 2/2

U.S.S.R.

"DIRECT PRODUCTION OF ELECTRON-POSITRON PAIRS BY HIGH ENERGY ELECTRONS"
G.S. Stolyarova, V.A. Tymanyan, S.A. Chuyeva, A.A. Varfolomeyev, R.I. Gerasimova,
L.A. Makaryina, Ap.P. Mishakova, A.S. Romantseva,

The cross-section of direct production of electron-positron pairs by high energy γ electrons was measured experimentally. For this purpose, a study was made of isolated electron-photon cascades and the photon component of high energy nuclear interactions in emulsion stacks exposed to radiation in the stratosphere. In order to exclude spurious cases of direct pair production, which constitute the main difficulty in experimental measurement of the cross-section of such pairs, the calculation was carried out by the Monte Carlo method.

The calculation was made for three values of primary electron energy: 10, 100 and 1,000 Bev, taking into consideration two possible variants of the Bremsstrahlung spectrum: Bethe-Heitler and Migdal variants (Landau-Pomeranchuk and Ter-Mikaelyan effects). A method for determining the energy of ultra-relativistic electrons from the lateral distribution of the apexes of electron-positron pairs is suggested.

During the experimental measurement of very high electron energies, certain possible sources of underestimation were eliminated.

The cross-section of direct pair production by high energy electrons was found to be in agreement with Shabha's calculation within the limits of experimental error.

report presented at the International Cosmic Ray Conference, Moscow 6-11 July 1959

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S/627/60/002/000/026/027
D292/D304

AUTHORS: Tumanyan, V. A., Stolyarova, G. S., and Mishakova, A.P.

TITLE: Direct creation of electron-positron pairs by high-energy electrons

SOURCE: International Conference on Cosmic Radiation. Moscow, 1969. Trudy, v. 2. Shirokiye atmosferynye livni i kas-kadnyye protsessy, 1:4-3:9

TEXT: A modified version of the Monte Carlo method is proposed, yielding several new results. In particular, the absolute number of so-called "false triplet" is computed, as well as the cross-section for direct pair creation. The computations were carried out for electrons of 3 initial energies: 10^{10} , 10^{11} and 10^{12} ev. It was assumed that an electron of given initial energy appears at the point $x, y=0$, in the direction of the x-axis, penetrating to a depth x of up to 1.0 m. Two types of bremsstrahlung spectra were considered in the computations which are based on Migdal's formula.

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mean-free path of triplet formation on electron energy is shown in a figure, where the results of other investigators are also plotted (for comparison). From the figure it is evident that all the results are in complete agreement with the theory of T. Murota et al. (Ref. 20 Progr. Theor. Phys., '6, 482, 1956). Hence the conclusion that the available experimental results on direct pair creation by high-energy electrons do not contradict the predictions of quantum electrodynamics up to primary-electron energies of 100 Bev. There are 4 figures and 20 references: 5 Soviet-bloc and 15 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: H. Pay. Nuovo Cim., 5, 293, 1957; M. Koshiba, M. F. Kiplen. Phys. Rev., '00, 327, 1955; P. J. Loeffler. Phys. Rev., '02, 1028, 1957; S. L. Leonard. Bull. Amer. Phys. Soc., I, 27, 1956.

Card 3/3

21(7)

SOV/56-37-2-5/56

AUTHORS: Tumanyan, V. A., Stolyarova, G. S., Mishakova, A. P.

TITLE: On the Problem of the Direct Electron-Positron Pair Formation by Electrons of High Energy

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959, Vol 37, Nr 2(8), pp 355-365 (USSR)

ABSTRACT: The direct pair formation cross section for electron energies of 0.5 - 100 Bev has already been investigated several times (Refs 1-13); the results differ considerably. The main experimental difficulty is the necessary elimination of "false triplets" (pair formation caused by the conversion of a γ -quantum of the bremsstrahlung of an electron immediately after its production). Methods of evaluating that fraction are discussed; the most favorable theoretical treatment of this problem is that by the Monte Carlo method. Also in the present paper this problem is investigated by means of an improved variant of the Monte Carlo method. The fundamentals of the calculation of the absolute number of false triplets for the primary electron energies 10^{10} , 10^{11} and 10^{12} ev are given; the experimental data

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On the Problem of the Direct Electron-positron Pair Formation by Electrons of High Energy

(bremsstrahlung cross section and all cross sections of elementary processes) entering into these calculations were obtained from the nuclear emulsions NIKFI-R and Ilford G-5. Determination of the distance at which the bremsstrahlung quantum transforms into a pair from the primary electron Q differs.

$Q = \sqrt{\Delta y^2 + \Delta z^2}$ is between 0.2 and 0.44 μ (Refs 1,4,5). This criterium is to be unified: $\Delta y \leq 0.2\mu$; $\Delta z \leq 0.44\mu$, but also for 0.3 and 0.66 μ results are given. The diagram (Fig 2) shows the dependence of the average number of false triplets \bar{n} on the distance to the primary electron; the values are compared with the curves obtained by Weil as well as with those obtained according to the spectra of Bethe-Heitler and Migdal (Ref 17). Figure 2 shows the dependence of \bar{n} on electron energy (again compared with Bethe-Heitler and Migdal). Agreement is satisfactory. Further, the differential transversal distribution of pairs, the integral energy spectrum of the primary electrons (after passage of a unit of length - figure 5), the differential energy spectrum of the electron-positron pairs (comparison with

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SOV/56-37-2-5/56

On the Problem of the Direct Electron-positron Pair Formation by Electrons of High Energy

Bethe-Heitler and Migdal - figure 6); figure 7 shows the dependence of the average distance of the pairs on the axis and of \bar{n} on the electron energy. The results obtained are discussed in detail. The type of bremsstrahlung spectrum described by the Migdal formulas also takes the Landau-Pomeranchuk and the Ter-Mikayelyan-effect into account. The possibility is shown of measuring the energy of the fast electrons by determining the energy dependence of the mean transverse distance between the vertices of the electron-positron pairs produced by bremsstrahlung γ -quanta. In the last part of this paper experimental results are finally discussed, and it is shown that the cross section of direct pair production calculated by Bhattacha agrees well with experimental results. The authors finally thank Professor I. I. Gurevich for his interest and discussion, as well as Professors A. I. Alikhanyan, K. A. Ter-Martironyan and M. L. Ter-Mikayelyan, and A. A. Varfolomeyev and B. A. Nikol'skiy for their advice, and V. A. Zharkov for his assistance. There are 7 figures and 22 references, 8 of which are Soviet.

SUBMITTED:
Card 3/3

February 21, 1959

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

[illegible]

1. 1941-1942

DUBOV, A.S.; STOLYANOVA, O.V.

Hydrodynamic methods of temperature forecasting. Trudy 000
no.76:30-39 '58. (MIRA 11:11)
(Atmospheric temperature)

MORACHEVSKIY, Yu.; STOLYAROV, K.P.; STOLYAROVA, I.A.

New data on the use of ultraviolet rays in qualitative micro-
chemical analysis and quantitative colorimetric analysis. Vest.
LGU 8 no. 5:113-122 My '53. (MIRA 12:7)
(Ultraviolet rays) (Chemistry, Analytic--Qualitative)
(Colorimetry)

OLY : VA, I. .

Chemical Abst.
Vol. 48 No. 4
Feb. 25, 1954
Analytical Chemistry

Use of ultraviolet rays in analytical chemistry. IV.
Colorimetric determination of bismuth in the presence of
large quantities of lead. I. A. Shostakova (A. A. Zhdanov
State Univ., Leningrad). Zh. Anal. Khim. 8, 270-8
(1953), cf. 6, 4-47, 48-50. In preliminary expts. it was
found that Bi in KBr soln. has a max. absorption at $\lambda = 363$
m μ , while Pb in KBr has only an insignificant absorption.
KBr by itself absorbs no light at this wave length. Further
expts. showed that a KBr concn. of 0.4M suffices for Bi to
attain max. adsorption while in the case of Pb, adsorption
increases with the concn. of KBr. HCl in concn. above 0.2N
reduced the adsorption but this effect was counteracted by
increasing the KBr concn. to 1-1.5M. By controlling the
concn. of KBr and HCl 5-150 γ of Bi in 25 ml. of soln. fol-
lowed Beer's law. Thus, at $\lambda = 363$ m μ , 0.025-0.4 mg. of
Bi in 1M KBr was detd. in the presence of 1-20 mg. of Pb
with an error of -0.001 to +0.005 mg. Cu, Fe, Zn, Cd, Hg,
Sn, As, and Sb did not interfere even when present in ap-
preciable quantities. M. Hoch

1. The following information was obtained from a report, dated 1984, by the
Director, Central Intelligence Agency, regarding the activities of the
KGB in the United States.

2. The information was obtained from a report, dated 1984, by the

STOLYAROVA, I.A.

STOLYAROVA, I.A.

Colorimetric determination of boron in silicates containing
fluorine. Inform. sbor. VSEGEI no.4:135-137 '56. (MLRA 10:4)
(Colorimetry) (Boron) (Silicates)

Author: Billmeyer, F. E.
 Title: System of Analytical Chemistry of the VIII International Congress on General and Applied Chemistry
 Publication: Journal of Analytical Chemistry, 1971, Vol. 4, No. 1, 19-21, 1971 (USSR)

ABSTRACT:

Approximately 900 persons participated in the work of the Department of Analytical Chemistry, among them representatives of various scientific institutions, higher schools and industrial enterprises in Russia, Poland, Czechoslovakia, Bulgaria, the GDR, Poland, Hungary and Italy. Approximately 70 reports were heard. In his opening speech, F. E. Billmeyer reported on the achieved results and in his closing speech, on the analytical chemistry of inorganic systems for the solution of chemical analysis problems.

A. E. Babin showed at the stage of halide and anhydrous systems of problems of analytical chemistry. V. I. Kabanov reported on the correlation between the stability of complexes and the position of the corresponding central atoms in the periodic system. L. M. Zakharenko and I. M. Zhukovskiy lectured on the stability of complexes of Cu, Zn, and Ni as depending on the structure of the ligands.

The character of complex formation in the stable complexes of various elements was discussed in the lecture of L. M. Zakharenko. The results of new attempts in the solution of analytical chemistry problems were reported in the lecture of L. M. Zakharenko and I. M. Zhukovskiy.

A. E. Babin, a large number of lecturers dealt with the use of organic reagents in analytical chemistry. L. M. Zakharenko reported on the application of thiocyanate and dithiocarbamate salts for the separation of elements. A. E. Babin and I. M. Zhukovskiy treated the separation of elements. A. E. Babin and I. M. Zhukovskiy treated the separation of elements. A. E. Babin and I. M. Zhukovskiy treated the separation of elements.

The results of the work of the Department of Analytical Chemistry of the VIII International Congress on General and Applied Chemistry are reported in the lecture of L. M. Zakharenko and I. M. Zhukovskiy. The results of the work of the Department of Analytical Chemistry of the VIII International Congress on General and Applied Chemistry are reported in the lecture of L. M. Zakharenko and I. M. Zhukovskiy.

Card 1/4

Card 2/4

Card 3/4

The lecture of F. E. Billmeyer dealt with the system of analytical chemistry of the VIII International Congress on General and Applied Chemistry. The lecture of F. E. Billmeyer dealt with the system of analytical chemistry of the VIII International Congress on General and Applied Chemistry. The lecture of F. E. Billmeyer dealt with the system of analytical chemistry of the VIII International Congress on General and Applied Chemistry.

И. И. ВЕВЛ, В. В. СТОЛЯРОВА, И. А.

Colorimetric method for the determination of rhenium and its preliminary separation by methyl ethyl ketone. Inform. sbor. VSEGEI no. 12:31-35 '59. MIRA 13:11)

(Rhenium--Analysis) (Ketones)

STOLYKOVA, I.I.; SMIRNOVA, I.B.

Determination of fluorine by the photocolometric method. Inform.
sbor. VSKMI no.18:37-46 '59. (MIRA 13:11)
(Fluorine--analysis)

STOYKOVA, I.I.; NIKOLAYEV, I.V.

Using ion exchange for the determination of boron in silicate rocks.
Inform. ser. VSEOEI no.18:53-57 '59. (MIRA 19:11)
(Boron--Analysis) (Rocks, Siliceous)

STOLYKOVA, I.A.; POTKOVA, S.V.

Determining lithium by the flame-spectrometry method. Inform. shor.

VSEGEI no.17:75-78 '59.

(MIRA 13:11)

(Lithium--analysis)

STOLYAROVA, L.V.; AMENTOVA, L.V.

Complexometric determination of calcium and magnesium in silicates.
Inform. sbor. VSNiI no.18:107-113 '59. (MIRA 13:11)
(Calcium--analysis) (Magnesium--analysis) (Silicates)

STOLYAROVA, I.A.; SHUVALOVA, N.I.

Determining strontium by flame photometry. Inform.sbor.VSEGEI
no.51:89-96 '61. (MIRA 15:8)
(Strontium—Analysis) (Photometry)

STOLYAROVA, I.A.; SHUVALOVA, N.I.

Photocolorimetric determination of iron and aluminum. Inform.
abor.VSEGEI no.51:97-102 '61. (MIRA 15:8)
(Colorimetry) (Iron--Analysis) (Aluminum--Analysis)

KAMENTSEVA, L.G.; MOYZHES, I.B.; STOLYAROVA, I.A.; SHUVALOVA, N.I.

Complexonometric analysis of siliceous rocks. Inform.sbor.

VSEGEI no.51:103-111 '61.

(MIRA 15:8)

(Rocks, Siliceous--Analysis)

SHELLER, V.A. [Schoeller, W.: deceased]; POWELL, A.R. [Powell, A.R.];
BELOPOL'SKIY, N.P. [translator]; LYKOVA, V.S. [translator];
KNIPOVICH, Yu.M. [translator]; KRASINOVA, V.M. [translator];
POPOV, N.P. [translator]; STOLYAROVA, I.A. [translator]; YUSOVA,
V.A. [translator]; ZAYKOVSKIY, F.V., retsenzent; SECHEREDOV, D.F.,
retsenzent; NEMANOVA, G.F., red. izd-va; IVANOVA, A.G., tekhn. red.

[The analysis of minerals and ores of the rarer elements] Analiz
mineralov i rud redkikh elementov. Pod obshchei red. I.U.M. Knipo-
vich i N.P. Popova. Moskva, Gosg. oltekhizdat, 1962. 447 p.

(MIRA 15:12)

(Minerology, Determinative) (Metals, Rare and minor)

BYKOVA, V.S.; KNIPOVICH, Yu.N.; STOLIAROVA, I.A.

Analysis of basic silicate rocks of complex composition.
Trudy VSEGEI 117:9-16 '64. (MIRA 17:9)

FADE-NERVA, L.M.; STOLYAROVA, I.A.

Photometric method for the determination of beryllium with preliminary extraction in the form of acetylacetone. Trudy VSEGEI 117:41-44 '64.
(MIRA 17:9)

USSR/Human and Animal Morphology (Normal and
Pathological). Nervous System. Periphe-
ral Nervous System.

8-2

Abs Jour: Ref Zhur-Biol., No 16, 1956, 74305

Author : Erez, B. H., ~~Stolyarova, I. Ye.~~
Inst : Stalinabad Medical Institute.
Title : Changes of the Cardiac Nervous System in
Connection with the Removal of the Semilun-
ar Ganglion of the Solar Plexus in a Dog.

Orig Pub: Tr. Stalinabadsk. med. in-ta, 1957, 25,
159-170

Abstract: Fragments from 8 different heart regions
were studied 40-120 hours after surgery.
It was determined that nerve fibers of right
and left semilunar ganglia of the solar plex-
us participate in the innervation of the

Card : 1/3

L 5/14/65 FWT(m)/EWP(j)/I Pc-4 RM

ACCESSION NR: AP5016787

UR/0286/65/000/010/0120/0120
629.11.012.52.3

AUTHOR: Latkin, B. M.; Stolyarova, L. A.

17
B

TITLE: Pneumatic tire for wheeled vehicles. Class 63, No. 171280

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 10, 1965, 120

TOPIC TAGS: tire, tire stud

ABSTRACT: An Author Certificate has been issued for a pneumatic tire containing metal studs in its tread (see Fig. 1 of the Enclosure). This increases the tire's traction on wet and icy roads and decreases tread wear. The studs consist of rubberized metal cord rolled into spirals and are radially placed in the tread. Orig. art. has: 1 figure.

[WH]

ASSOCIATION: none

SUBMITTED: 05May64

ENCL: 01

SUB CODE: MT

NO REF SOV: 000

OTHER: 000

ATD PRESS: 4040

Card 1/2

L 57748-C5

ACCESSION NR: AP5016787

ENCLOSURE: 01

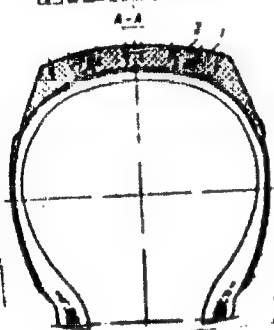


Fig. 1. Cross section of a tire with metal studs

1 - Tread; 2 - studs.

Card

2/2

STOLYAROVA, L.B.; NIKITENKO, R.D.

Effect of intravenous administration of indicator doses of
artificially radioactive iron and phosphorus on the com-
position of peripheral blood. Medych.zhur.24 no.5:42-47
'54. (MLRA 8:10)

1. Institut fiziologii m. O.O. Bogomol'taya Akademii nauk
URSR.

(BLOOD, effect of radiations on,
radioiron & radiophosphorus)

(IRON, radioactive,
eff. of blood)

(PHOSPHORUS, radioactive,
eff. on blood)

STOYANOV, I.P.; ORLOV, P.; ZHIVKO, V.; ZHIVKO, V. ...

Bread making without fermentation of intermediate products and
dough prior to its dividing. Trade MARK No. 1: 1971.

1. The following information is being provided:

With a view to the bread making from wheat flour, the
following information is being provided: (CIA 100)

ST. IVANOV, I. I.

Clinical aspects and dynamics of ataxic disorders in thrombosis of the internal carotid and middle cerebral arteries depending on the state of the collateral blood circulation. Zhur. nevr. i psikh. (MBA 1961) no. 12:1761-1766 1965.

1. In: "Vopr. nevrologii" (director - prof. I. M. Gerasimov) 1961, Moscow. Submitted November 6, 1961.

STOLYA TOVA, L.G.

Harada's disease neuroveitis. Zhur. nevr. i psikh 59 no.3:288-290
'59.
(MIRA 12:4)

1. Institut neurologii (dir. - prof. N.V. Konovalov) AMN SSSR, Moskva.
(OZEITIS,
Harada's dis. (Rus))

KNYAZEVA, O.R.; STOLYAROVA, L.O.

Two cases of myotonia atrophica. Zhur. nevr. i psikh. 59 no.5:
552-555 '59.
(MIRA 12-7)

1. Institut nevrologii (dir. - prof. H.V. Kononov) AMN SSSR,
Moskva.
(MYOTONIA ATROPHICA, case reports,
(this))

БСШ-1/1066

AUTHORS: Shustakovskiy, M. F., Isidorenko, Ye. M., and Stolyarova, L. G.

TITLE: Stereochemistry¹ of Addition Reactions to the Triple Bond

PERIODICAL: Zhurnal obshchey khimii 1960 Vol. 30, No. 9.
pp 3143 - 3144

TEXT: There are no data available in publications on the stereochemistry of addition reactions of any reagents to the triple bonds of diacetylene or vinyl acetylene systems, nor on the stereochemistry of the reactions of homolytic addition of thiols to acetylenes. The authors indicate that the stereochemistry of reactions of diacetylene (I) with alkyl thiols (II) giving 1-alkyl-thiobuten-1-ines-3 (III) investigated previously by them, as well as of reactions of compounds (III) with (II) giving the 1,4-dialkyl-thiobutadienes-1,3 (IV), take place according to the scheme given here. The geometric structure (IV) follows from the sulfone structure (V) which was confirmed by means of

Card 1/2

Stereochemistry of Addition Reactions
to the Triple Bond

C/073/60/C10/007/022/022, XX
B001/B066

dipole moments, ultraviolet and infrared spectra as well as by quantitative isomerization of the cis-cis and cis-trans compounds (V) into the trans-trans compounds (V), under the action of iodine. Thus, the thiols add stereospecifically in nucleophilic reactions with the C-C bonds both in diacetylene and vinyl acetylene systems, according to the rule of "trans-addition" (Ref. 2). Under free radical conditions the reaction does not proceed quite stereoselectively, so that mixtures of cis-cis and trans-trans isomers (IV) are formed at low temperatures. The predominance of (IV) indicates a high specific gravity of the cis addition of the radicals. At elevated temperatures, isomerization to the trans-trans compound (IV) occurs. It was also found that the reaction of ethanethiol with ethyl-thio ethine (VI) (Ref. 3) proceeds stereospecifically both under free radical and ionic conditions and obeys the rule of "trans-addition", since (VII-cis) is the main product yielding the sulfone (VIII-cis). Under free radical conditions, thiols may react with various acetylene compounds stereospecifically in different ways. This is always due to the stability of one of the geometrical forms of the radical $\text{RSC}\cdot$ CX which appears

Card 2/3

Stereochemistry of Addition Reactions
to the Triple Bond

0,079/60/070/009/022/022/XI
B001/B066

as an intermediate. An analogous phenomenon of homolytic addition
reactions of bromine and hydrogen bromide to acetylene was described
in Ref. 4. There are 4 references: 2 Soviet, 2 US, and 1 Italian.

ASSOCIATION: Institut organicheskoy khimii Akademii nauk SSSR
(Institute of Organic Chemistry of the Academy of
Sciences USSR)

SUBMITTED: May 30, 1960

Card 1/1

STOLYAROVA, L. G.

Use of new curarelike preparations in increasing muscular tonus.
Nauch. trudy Inst. nevr. AN SSSR no.1:351-356 '60.
(MIRA 15:7)

1. Institut nevrologii AN SSSR.

(CURARELIKE SUBSTANCES) (MUSCLES)
(PARALYSIS)

STOLYAROVA, L.G.

Use of native curariform preparations in spastic paresis in the restorative period following an attack. Nauch. inform. Otd.nauch. med. inform. AMN SSSR no.1:62-63 '61.(MIRA 16:11)

1. Institut nevrologii (direktor - deystvitel'nyy chlen AMN SSSR prof. N.V. Konovalov) AMN SSSR, Moskva.

*

SHORYGIN, P.P.; SHOSTAKOVSKIY, M.F.; FRILEZHAYEVA, Ye.N.; SHURINA, T.S.;
SIDLYAROVA, L.G.; GENICH, A.P.

Structure and spectra of vinyl sulfides. Izv. AN SSSR. Otd.khim.nauk
no.9:1571-1577 S '61. (MIRA 14:9)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Vinyl sulfide--Spectra)

STOLYAKOVA, L.G.

Joint session of the Institute of Neurology of the Soviet Academy
of Medicine and the Kiev Medical Institute, devoted to vascular
and infectious diseases of the nervous system. Vest. AMI SSSR
16 no.1:75-79 '61. (MIRA 14:3)
(NERVOUS SYSTEM--DISEASES)

STOLYAROVA, L.G.

Treatment of parkinsonism with new pharmacological preparations.
Sov. med. 25 no.5:107-114 My '61. (MIRA 14:6)

1. Iz Instituta nevrologii AMN SSSR (dir. - deystvitel'nyy chlen
AMN SSSR prof. N.V.Kononov).
(PARALYSIS)

STOLYANOVA, L.G.

Use of Soviet curarelike preparations in spastic paresis during the recovery period after the insultus. Zhur.nevr.i psikh. 61 no.10: 1463-1468 '61. (MIRA 15:11)

1. Institut nevrologii (dir. - prof. N.V.Konovalev) AMN SSSR, Moskva.
(CURARELIKE SUBSTANCES) (PARLYSIS, SPASTIC) (APOPLEXY)

STOLYAROVA, L.G.

Some characteristics of aphasic disturbances in thromboses
and stenosis of the internal carotid and middle cerebral
arteries. Zhur. nevr. i psikh. 64 no.2:225-231 '64.

(MIRA 17:5)

1. Institut nevrologii (direktor - prof. N.V. Konovalov)
AMN SSSR, Moskva.

SHORYGIN, P.P.; PETUKHOV, V.A.; STOLYAROVA, L.G.

Mutual influence of atomic groups in the molecules
containing heavy atoms and π -bond systems. Dokl. AN
SSSR 154 no.2:441-444 Ja'64. (MIRA 17:2)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN
SSSR. Predstavleno akademikom A.A. Palandinyam.

APPROXIMATELY

Disorders of the body image. Sov. med. J. no.3 (9-10) p. 16.

(MIRA 17:11)

1. Institut neurologii (d'r. - dozentel'nyyi salon AMN SSSR, laureat
Leningrskoy premii prof. N.V. Kozlovskiy, 1908 Moskv. Moskva.

L 41695-65 EWP(m)/EPF(c)/EPR/EMP(j)/EWA(c) Po-4/Pr-4/Ps-4 RPL WW/RM
 ACCESSION NR: AP5008909 S/0076/65/039/003/0605/0612

32
 31
 B

AUTHOR: Shorygin, P. P.; Roshchupkin, V. P.; Stolyarova, L. G.

TITLE: Effect of substituents on systems of PI bonds via a methylene bridge

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 3, 1965, 605-612

TOPIC TAGS: methylene bridge, PI bond, ultraviolet absorption spectrum nitrile

ABSTRACT: The spectroscopic parameters of molecules of the type $X-CH_2C\equiv N$, $X-CH_2-CH_2-C\equiv N$ and $X-\text{C}\equiv N$ were compared in order to establish the similarities and differences in the influence of substituents (X) transmitted through different types of bridges between the groups X and CN. In addition, molecules with methylene bridges were compared: $X-CH_2-C\equiv N$, $X-CH_2-CH\equiv CH_2$, $X-CH_2-CO-R$ (general formula $X-CH_2-\text{II}$) and also certain compounds of the type $X-CH_2-Ph$. In the $X-CH_2-\text{II}$ molecules, atom Z (the atom of group X directly adjacent to the methylene bridge) either (1) is not a heavy atom or does not have low electronegativity; (2) has low electronegativity; or (3) is a heavy atom. The influence of each type of substituent in each type of molecule is discussed on this basis in terms of the electron-donor and electron-acceptor capacity of the various groups. Orig. art. has: 3 tables and 2 figures.

Card 1/2

L 41695-65

ACCESSION NR: AP5008909

ASSOCIATION: Institut organicheskoy khimii, Akademiya nauk SSSR (Institute of Organic chemistry, academy of sciences of the SSSR)

SUBMITTED: 02Aug63

ENCL: 00

SUB CODE: OC ,OC

NO REF SOV: 007

OTHER: 003

Card 2/2 *W*

SEMYKHIN, N.G.; KOSLOVSKAYA, V.F.; STOLYAROVA, L.G.

Effect of substituents on the systems of π -bonds through a methylene bridge. Zhur. fiz. khim. 39 no.3:605-612 Mar '65. (MIRA 18:7)

1. Institut organicheskoy khimii AN SSSR.

L 7622-66 EMP(e)/ZPA(s)-2/ET(m)/EPF(c)/EMP(1)/EAL(d)/EPA(w)-2/EPF(j)/EXP(t)/
 EMP(z)/EPF(b)/ETC(m) IJP(c) PJW/JD/...
 ACCESSION NR: AP5011365

UR/0365/65/001/002/0207/0214

620.197.2

621.794.6

66
65
12

AUTHOR: Timonova, M. A.; Stolyarova, L. N.

TITLE: Development and investigation of a chemical method of preparation of thermally stable inorganic coatings on magnesium alloys

SOURCE: Zashchita metallov, v. 1, no. 2, 1965, 207-214

TOPIC TAGS: magnesium alloy, barium alloy, high temperature coating, protective coating

ABSTRACT: A chemical method of preparation of thermally stable protective coatings on magnesium-barium alloys was investigated. The VML-2-4, ML-5-4, ML-11-1, ML-12-1, MA-8-1 and VM-65-1 alloys were parkerized for 10-30 min at 90-98°C and a pH of 1.3-1.4 using a solution composed of: $\text{Ba}(\text{H}_2\text{PO}_4)_2$ -40-70 g/l, NaF -1.0-2.0 g/l, H_3PO_4 -3.0-6.0 ml/l. In all cases a satisfactory coating adhesion to the alloy base was found. The coating quality was not reduced after holding at 350°C for 100 hours. The coating was a mixture of phosphates and fluorides, with a ratio depending upon the alloy composition. The thermal stability of the coating increased

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L 2622-66

ACCESSION NR: AP5011365

with increasing barium content. The effect of parkerizing duration on the thickness of the protective coating on casting magnesium alloys is shown in fig. 1 of the Enclosure. Adhesion of a paint-and-varnish coating to the parkerized alloy was very good with all but VML-2 (casting) and ML-11. All of the paint-and-varnish covered phosphate coatings have a good impact resistance. Orig. art. has: 4 tables, 5 figures.

ASSOCIATION: none

SUBMITTED: 30Oct64

ENCL: 01

SUB.CODE: MM

NO REF SOV: 006

OTHER: 000

Card 2/3

L 2622-66

ACCESSION NR: AP5011365

ENCLOSURE: 01

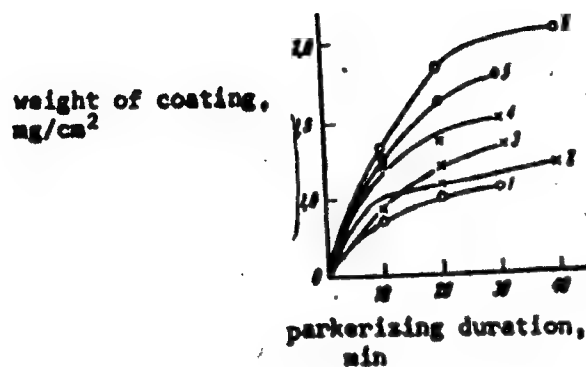


Fig. 1. 1--ML-5 (thermally worked according to T-4 procedure); 2--ML-11 (casting); 3--VNL-2 (casting); 4--ML-11 (thermally worked); 5--VNL-2 (thermally worked); 6--ML-12 (thermally worked).

Card 3/3 *EP*

STOLYAROVA, M.K.

Scleroma of the upper lip. Vest. oto-rin. 16 no.6:72 N-D '54.
(MLRA 8:1)

1. Iz kliniki bolezney ukha, gorla in nosa (dir.-zasluzhennyy
deyatel' nauki prof. S.V.Mikhaylovskiy) L'vovskogo meditsinskogo
instituta

(LIPS, diseases
scleroma of upper lip)

... of the ... in it to the ...
... (16, 7-1, 110)

STOLYAROVA, M.K., kand.med.nauki; KALISH, S.A.

Eosinophilic granuloma of the temporal bone. Zhur. ush., nos.
i gorl. bol. 23 no.4:76-78 J1-Ag'63. (MIRA 16:10)

1. Iz kafedry bolezney ucha, gorla i nosa (zav. - zasluzhennyy
deyatel' nauki Bashkirskoy ASSR prof. S.V. Mikhaylovskiy)
Lvovskogo meditsinskogo instituta.
(EOSINOPHILIC GRANULOMA) (TEMPORAL BONE-TUMORS)

STOLYAROVA, N.Y., referent, otv. za vypusk

[Finishing work in completely precast construction]"Otde-
lochnye raboty v polnosbornom stroitel'stve"; materialy seminar.
Moskva, No.2. 1962. 53 p. (MIRA 16:3)

1. Moskovskiy dom nauchno-tekhnicheskoy propagandy imeni F.E.
Dzerzhinskogo.

(Finishes and finishing)

BERNDT, H.V.; STOLYAROVA, T.A., kand. ekon. nauk

Potentialities for lowering passenger transportation cost.

Zhel. dor. transp. 41 no.10:20-22 O '59. (MIRA 13:2)

1. Nachal'nik planovo-ekonomicheskogo otdela Oktyabr'skoy dorogi (for Berndt).

(Railroads--Passenger traffic)

L 25363-65 EAT(m)/EPF(c)/EPR/EMP(j)/EXT(t)/EMP(b) Pc-L/Pr-L/Ps-L/Pl-L IJP(c)/
 ACCESSION NR: AP4046737RFL RWM/JD/WM/ S/0054/64/000/003/0150/0153
 JW/RM

AUTHOR: Morozova, M. P.; Stolyarova, T. A.

TITLE: Formation enthalpies of manganese selenide and telluride
 27 27 27

SOURCE: Leningrad. Universitet. Vestnik. Seriya fiziki i khimii, no. 3, 1964,
 150-153

TOPIC TAGS: formation enthalpy, manganese selenide, manganese telluride,
 secondary periodicity rule

ABSTRACT: The authors measured the formation enthalpies of MnSe and MnTe.
 The parameters of the crystal lattices are in good agreement with the published
 data. The values for MnSe ΔH_{298}^0 is $-(37.7 \pm 0.4) \frac{\text{kcal}}{\text{mole}}$ and for MnTe ΔH_{298}^0
 is $-(26.3 \pm 1.3) \frac{\text{kcal}}{\text{mole}}$. The formation enthalpies change monotonously with the
 ordinal number, and do not obey the rule of secondary periodicity which charac-
 terizes the components of other metals with oxygen and their analogues. Orig.
 art. has: 1 figure and 2 tables

Card 1/2

L 25363-65
ACCESSION NR: AP4046737

ASSOCIATION: None

SUBMITTED: 10Apr64

ENCL: 00

SUB CODE: GC, Ss

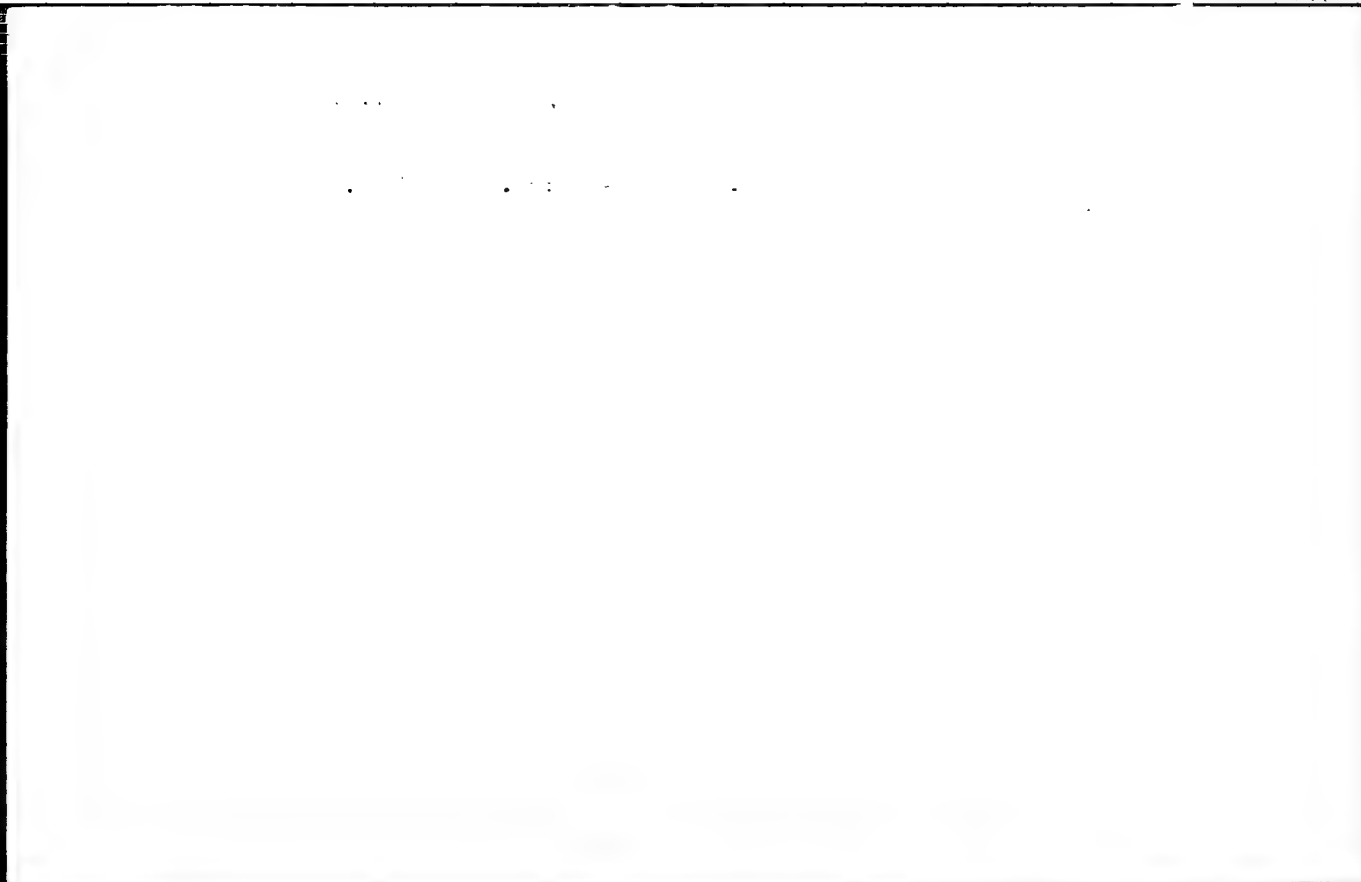
NR REF SOV: 002

OTHER: 010

Cord 2/2

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653410006-5



APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653410006-5"

Kretov, B. P., and Sadyanova, Y. I. SOUTHERN
PART OF FRONTIER TERRITORIES BELT OF KAZAKH
SOUTH-CENTRAL PROVINCE, AND ITS CONSEQUENCES
No. 124, No. 1, 1955, No. 4, 47-50 (English
summary, 50) (1955). The purpose of the deposit is the
study.

SECRET
08/26/026
R001, R010

AUTHORS: Morozova, M. P. and Stolyarova, T. A.

TITLE: On the Heat of Formation of Niobium Pentoxide

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 11, pp. 3848-3849

TEXT: The following values for the heat of formation of niobium pentoxide were formerly suggested: 463.2 ± 4 kcal/mole (G. Becker, W. A. Roth, Ref. 1) and 455.2 kcal/mole (G. L. Humphrey, Ref. 2). M. P. Morozova and L. L. Getskina (Ref. 3) determined the heat of formation at 472.6 ± 1.0 kcal/mole. The heat of formation of niobium dioxide is given in the same work as 37.0 ± 0.4 kcal/mole, which is in good agreement with the value found by A. D. Mah (Ref. 4), i.e. 36.67 ± 0.10 kcal/mole. This circumstance, and the fact that the values of the heats of formation of titanium (Ref. 5) and its oxides, found by the same procedure as was applied for niobium (Ref. 3), were in agreement with the values found by Humphrey (Ref. 6), convinced the authors that the difference between the value found by M. P. Morozova and L. L. Getskina (Ref. 3), and those found by

Card 1/2

G. L. OTAROVA, N. S.; K. L. GONCHENKO, P. A.; STOLYAROVA, T. I.

New sections with Moscow-Valday (Mikulino) interglacial sediments
on the Bol'shaya Dubenka River near Sosnovka, Kalinin Province.
Izv. AN SSSR. Ser. geog. no. 1:124-127 Ja-7 '61. (MIRA 14:2)

1. Institut geografii AN SSSR i Geologicheskoye upravleniye Tsentral'-
nykh rayonov.

(Dubenka Valley—Geology, Stratigraphic)
, (Moraines)

CHERETAROVA, N.S.; NEDOZHIVINA, M.A.; SOKLYANOVA, T.I.

Moscow-Valdoy (Mikulino) interglacial sediments in the upper Volga
Basin and their significance for paleogeography. Trudy kon.chetv.-
per. no.26:35-49 '61. (MIRA 15:3)
(Volga Valley--Glacial epoch)
(Volga Valley--Paleogeography)

SHCHUKAREV, S.A.; MOROZOVA, M.P.; STOLYAROVA, T.A.

Enthalpy of the formation of compounds of manganese with the
elements of the main sub-group of group V. Zhur.ob.khim. 31
no.6:1773-1777 Je '61. (MIRA 14:6)

1. Leningradskiy gosudarstvennyy universitet imeni A.A.Zhdanova.
(Manganese compounds) (Enthalpy)

KUPRIYANOVA, I.I.; SIDORENKO, G.A.; STOLYAROVA, T.I.

A mineral of the britholite-melanocerite group. Zap.Vses.
min.ob-ya 91 no.5:573-581 (MIRA 15:11)
(Siberia--Britholite) (Siberia--Cerite)

KUPRIYANOVA, I. I.; STOLIAROVA, T. I.; SIDORENKO, G. A.

Thorsteenstrupine, a new thorium silicate. Zap. Vses. min.
ob-va 91 no.3:325-330 '62. (MIRA 15:10)

(Thorium silicates) (Steenstrupine)

GAYDUKOVA, V.S.; POLUPANOVA, .I.; STOLYAROVA, T.I.

Hatchettelite from carbonatites of Siberia. Min.syr'e no.7:86-95
'63.

(Siberia—Hatchettelite—Analysis)
(Siberia—Carbonatites)

(MIRA 16:9)

OKHOBYANTOVA, N.Y.; KOSIN, N.Ye.; SHORIN, I. A.; STOLYAROVA, T.I.

Thalinite from albites of Eastern Siberia. Dokl. AN SSSR 195
no.1:100-103 Mr '64. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo
syr'ya. Predstavleno akademikom D.I.Shcherbakovym.

USSR/Cultivated Plants - Potatoes. Vegetables. Melons.

M-3

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29769

Author : Taranets, M.P., Khromov, V.F., Stolyarova, T.M.

Inst : -

Title : An Experiment to Improve the Quality of Seed Potatoes

Orig Pub : Kartoffel', 1957, No 2, 51-52.

Abstract : The experiment is described which was made at the Sovkhoz im. Komintern (in Penzenskaya Oblast') in 1952 to improve the quality of seed potatoes by its cultivation from select tubers on bottom-land plots. On a field patch where one planted unselected material the yield amounted to 75 centners per ha., whereas on bottom land where tuber selection was applied it came to 170 centners per ha. There was 58% tubers with degeneration symptoms in the first case and only 6% in the second.

Card 1/1

STOLYAROVA, T.N.; SHUR'YAN, O.S.

Abstracts. Klin.khir. no.8:87-90 J1 '62.
(SURGERY--ABSTRACTS)

(MIRA 15:11)

SHENKOVAYA, T.V.; STOYAROVA, T.Yu.; LARINA, G.N.

Preparation and properties of carboxyalkylene derivatives of
citraconimide. Izv. AN SSSR. Otd.khim.nauk no.9:1680-1685 S '61.
(MIRA 14:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Maleimide)